

07-12-01

A

**PATENT APPLICATION TRANSMITTAL LETTER**  
(Large Entity)

Docket No.  
36080.00800

TO THE ASSISTANT COMMISSIONER FOR PATENTS

Transmitted herewith for filing under 35 U.S.C. 111 and 37 C.F.R. 1.53 is the patent application of:  
**Edward G. COMBS, et al.**

For: **Enhanced Thermal Dissipation Integrated Circuit Package and Method of Manufacturing Enhanced Thermal  
Dissipation Integrated Circuit Package**

Enclosed are:

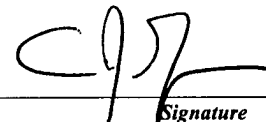
- ☒ Certificate of Mailing with Express Mail Mailing Label No. **EL 819 057 922US**
- ☒ **11** sheets of drawings.
- ☐ A certified copy of a \_\_\_\_\_ application.
- ☒ Declaration ☒ Signed. ☐ Unsigned.
- ☒ Power of Attorney
- ☒ Information Disclosure Statement
- ☐ Preliminary Amendment
- ☒ Other: **19 pp. Disclosure (12 pg. Specification, 6 pg. claims, 1 pp. Abstract)**

**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
<b>Total Claims</b>	26	- 20 =	6	x \$18.00	\$108.00
<b>Indep. Claims</b>	6	- 3 =	3	x \$80.00	\$240.00
<b>Multiple Dependent Claims (check if applicable)</b> <input type="checkbox"/>					\$0.00
<b>BASIC FEE</b>					\$710.00
<b>TOTAL FILING FEE</b>					\$1,058.00

- ☒ A check in the amount of **\$1,058.00** to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. **13-5200** as described below. A duplicate copy of this sheet is enclosed.
  - ☐ Charge the amount of \_\_\_\_\_ as filing fee.
  - ☒ Credit any overpayment.
  - ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
  - ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: **July 11, 2001**

  
Signature

**Christopher J. Gaspar, Registration No. 41,030  
MILBANK, TWEED, HADLEY & McCLOY LLP  
One Chase Manhattan Plaza  
New York, New York 10005  
Telephone (212)530-5019  
Facsimile (212)822-5019**

cc:

# UTILITY PATENT APPLICATION TRANSMITTAL

## (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
36080.00800

Total Pages in this Submission  
4

### TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application  
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**ENHANCED THERMAL DISSIPATION INTEGRATED CIRCUIT PACKAGE AND METHOD OF MANUFACTURING ENHANCED THERMAL DISSIPATION INTEGRATED CIRCUIT PACKAGE**

and invented by:

Edward G. COMBS, 290 Killdeer Ct., Foster, CA 94404; Robert P. SHEPPARD, 1215 Washington St., Red Bluff, CA 96080; Tai Wai PUN, Flat H 29/F, Maywood Ct., Kingswood Villas, Tin Shui Wai, N.T., HK; Hau Wan NG, Rm. 1526, Oi Shun Hse., Yau Oi Est., Tuen Mun, HK; Chun Ho FAN, Flat E, 27/F, Block 3, Lido Garden, Sham Tseng, HK; and Neil R. MCLELLAN, #3 Tregunter Path Flat 3B, Mid Levels, HK.

Is a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Enclosed are:

### Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 19 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☐ Cross References to Related Applications (if applicable)
  - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
  - d. ☐ Reference to Microfiche Appendix (if applicable)
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings (if drawings filed)
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Docket No.  
36080.00800

Total Pages in this Submission  
4

**Application Elements (Continued)**

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
- a. ☐ Formal Number of Sheets \_\_\_\_\_
- b. ☒ Informal Number of Sheets 11 (Figs. 1-11)
4. ☒ Oath or Declaration
- a. ☒ Newly executed *(original or copy)* ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c. ☒ With Power of Attorney ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under  
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby  
incorporated by reference therein.
6. ☐ Computer Program in Microfiche *(Appendix)*
7. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy *(identical to computer copy)*
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

8. ☐ Assignment Papers *(cover sheet & document(s))*
9. ☐ 37 CFR 3.73(B) Statement *(when there is an assignee)*
10. ☐ English Translation Document *(if applicable)*
11. ☒ Information Disclosure Statement/PTO-1449 ☒ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing
- ☐ First Class ☒ Express Mail *(Specify Label No.):* EL 819 057 922US

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FOT 20" 84820660

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

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36080.00800

Total Pages in this Submission  
4

**Accompanying Application Parts (Continued)**

15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*

16. ☐ Additional Enclosures *(please identify below):*

**Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)**

17. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

**Warning**

***An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.***

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TOT 20" B 282660

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
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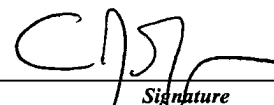
Total Pages in this Submission  
4

## Fee Calculation and Transmittal

### CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	26	- 20 =	6	x \$18.00	\$108.00
Indep. Claims	6	- 3 =	3	x \$80.00	\$240.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$710.00
OTHER FEE (specify purpose) _____					\$0.00
TOTAL FILING FEE					\$1,058.00

- ☒ A check in the amount of **\$1,058.00** to cover the filing fee is enclosed.
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Signature

Christopher J. Gaspar, Registration No. 41,030  
Milbank, Tweed, Hadley & McCloy, LLP  
One Chase Manhattan Plaza  
New York, New York 10005  
Telephone (212)530-5019  
Facsimile (212)822-5019

Dated: July 11, 2001

CC:

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**Docket No.  
36080-00800

Applicant: Ed Combs et al.  
Serial No.: To Be Assigned  
Date Filed: July 11, 2001 (Herewith)  
Group Art Unit: To Be Assigned  
For: ENHANCED THERMAL DISSIPATION INTEGRATED CIRCUIT  
PACKAGE AND METHOD OF MANUFACTURING ENHANCED  
THERMAL DISSIPATION INTEGRATED CIRCUIT PACKAGE

I hereby certify that this :

Certificate of Mailing by Express Mail (Label No. EL 819 057 922US); Patent Application Transmittal Letter (Large Entity); Utility Patent Application Transmittal (Large Entity); Utility Patent Application consisting of 12 pages of specification, 6 pages of claims, 1 page of Abstract and 11 sheets of formal drawings (Figs. 1-11); Declaration and Power of Attorney (4 pages); check in the amount of \$1,054 to cover application fee; and acknowledgment postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Commissioner for Patents, Box New Patent Applications, Washington, D.C. 20231 on:

July 11, 2001

Sandina M. Marino

Typed Name of Person Mailing Correspondence

  
Signature of Person Mailing Correspondence

EL 819 057 922US

("Express Mail" Mailing Label Number)

0902878.071101

PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

07/16/2001 MWOLDER1 00000251 09902878

01 FC:101	710.00	OP
02 FC:102	240.00	OP
03 FC:103	108.00	OP